

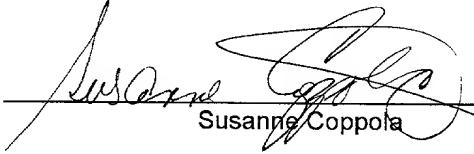
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Susanne Coppola

ASSISTANT COMMISSIONER FOR PATENTS
Washington, DC 20231

Date: November 8, 1999
Docket No: W07-431

Sir:

Transmitted herewith for filing is the patent application in the name(s) of: Peter J. Wilk

FOR: Method and Device for Improving Cardiac Function

ENCLOSED ARE:

(1) Specification (pg. 1-10), Claims (pg. 11-14) & Abstract (page 15);
(2) (3) sheet(s) of Drawings (Figs. 1-4f);
(3) Declaration and Power of Attorney;
(4) Verified Statement (Declaration) Claiming Small Entity Status - Small Business Concern.

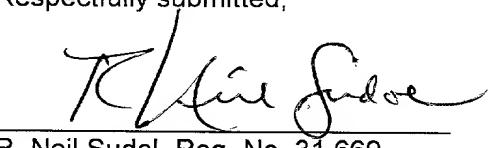
THE FILING FEE HAS BEEN CALCULATED AS SHOWN BELOW:

	Claims filed	Extra	SMALL ENTITY or	LARGE ENTITY
Basic Fee			\$ 380.00	\$ 760.00
Total Claims	19 - 20 = 00	x \$ 09.= 00.00	x \$ 18.=	
Indep. Claims	03 - 03 = 00	x \$ 38.= 00.00	x \$ 79.=	
() Multiple Dependent Claim Presented?		+ \$130.=	+ \$260.=	
		Total Filing Fee:	\$ 380.00	\$
		Assignment recordation fee (\$ 40.00):\$		\$
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The Commissioner is hereby authorized to charge payment of all fees associated with the filing and prosecution of this application but not limited to: (X) Any patent application processing fees under 37 CFR 1.17
(X) Any filing fees under 37 CFR 1.16 for the presentation of extra claims.

and credit any overpayment to Deposit Account No. 04-0838. A duplicate copy of this sheet is enclosed.

Respectfully submitted,



R. Neil Sudol, Reg. No. 31,669

Enclosures

Applicant/Patentee : Peter J. Wilk
Serial/Patent No. : Not Yet Assigned
Filed/Issued : Not Yet Assigned
For : Method and Device for Improving Cardiac Function
Attorney's Docket No. : W07-431

**VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS
(37 CFR 1.9(f) and 1.27(c)) - SMALL BUSINESS CONCERN**

I hereby declare that I am

the owner of the small business concern identified below:
 an official of the small business concern empowered to act on behalf of the concern identified below:

NAME OF CONCERN Wilk Patent Development Corporation
ADDRESS OF CONCERN 160 Third Avenue, New York, NY 10003

I hereby declare that the above identified small business concern qualifies as a small business concern as defined in 13 CFR 121.3-18, and reproduced in 37 CFR 1.9(d), for purposes of paying reduced fees under section 41(a) and (b) of Title 35, United States Code, in that the number of employees of the concern, including those of its affiliates, does not exceed 500 persons. For purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control the other, or a third party or parties controls or has the power to control both.

I hereby declare that rights under contract or law have been conveyed to and remain with the small business concern identified above with regard to the invention, entitled:

Method and Device for Improving Cardiac Function by inventor(s)
Peter J. Wilk described in

the specification filed herewith.
 application serial no. _____, filed _____.
 patent no. _____, issued _____.

If the rights held by the above identified small business concern are not exclusive, each individual, concern or organization having rights to the invention is listed below* and no rights to the invention are held by any person, other than the inventor, who could not qualify as a small business concern under 37 CFR 1.9(d) or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e). *NOTE: Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities. (37 CFR 1.27).

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Cont'd

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Verified Statement (Declaration) Claiming Small Entity Status
(37 CFR 1.9(f) and 1.27(c)) - Small Business Concern

Page 2

Applicant/Patentee : Peter J. Wilk
Serial/Patent No. : Not Yet Assigned
Filed/Issued : Not Yet Assigned
For : Method and Device for Improving Cardiac Function
Attorney's Docket No. : W07-431

NAME OF CONCERN _____
ADDRESS OF CONCERN _____

INDIVIDUAL SMALL BUSINESS CONCERN NONPROFIT ORGANIZATION

I acknowledge the duty to file in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b)).

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patents issuing thereon, or any patent to which this verified statement is directed.

NAME OF PERSON SIGNING Peter J. Wilk
TITLE OF PERSON OTHER THAN OWNER President
ADDRESS OF PERSON SIGNING 185 West End Avenue, New York, NY 10023
SIGNATURE Peter J. Wilk
DATE 11/6/95

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METHOD AND DEVICE FOR IMPROVING CARDIAC FUNCTION**CROSS-REFERENCE TO RELATED APPLICATION**

This application is a continuation-in-part of application No. 09/426,744 filed October 25, 1999 as a continuation-in-part of application No. 09/121,477 filed July 23, 1998. This application
5 is also a continuation-in-part of application No. 09/121,477.

BACKGROUND OF THE INVENTION

This invention relates to a method and device for improving cardiac function, particularly where there is congestive heart failure.

Congestive heart failure occurs, *inter alia*, where there has been a heart attack or an
10 infection. In either case, the pumping action of the heart is impaired. In another malfunction, left ventricular hypertrophy, the myocardium of the left ventricle becomes thickened to the point of interfering with effective heart contraction.

A surgical procedure for treating congestive heart failure, developed by a doctor in Brazil, involves removing a triangular portion of a patient's heart. In this operation, approximately one-
15 third of the patient's left ventricular muscle is removed. The result is that the smaller heart pumps more efficiently.

This new technique of course requires open heart surgery, with its attendant expense and extended convalescence.

OBJECTS OF THE INVENTION

20 An object of the present invention is to provide a surgical method for treating congestive

heart failure.

A further object of the present invention is to provide such a surgical method which is less expensive than the above-described surgical technique.

It is another object of the present invention to provide a surgical method for treating

5 congestive heart failure which may be implemented through minimally invasive procedures.

An additional object of the present invention is to provide a device for implementing such a surgical method.

These and other objects of the present invention will be apparent from the drawings and descriptions herein.

10 SUMMARY OF THE INVENTION

A method for improving cardiac function comprises, in accordance with the present invention, inserting a tensile member into a patient, and inserting the tensile member into the patient's heart so as to compress and close off lower portions of both ventricles of the heart.

Pursuant to additional features of the invention, the method further comprises anchoring 15 the tensile member to opposing myocardial sidewalls, the anchoring of the tensile member including placing a flanged element or a barbed element of the tensile member in contact with myocardial tissues.

In one embodiment of the present invention, the tensile member is a tack, and the inserting of the tensile member into the patient's heart includes ejecting the tack from a tubular 20 member. The tubular member may be deployed during an open heart surgical procedure or,

alternatively, via a cannula or trocar sleeve in a minimally invasive operation. In either case, the tack is applied to the heart through the intrapericardial space by aiming the tack at an outer surface of the heart.

In an alternative embodiment of the present invention, the tensile member is an at least

- 5 partially elongate member such as a wire, and the inserting of the tensile member is implemented by inserting a catheter into a ventricle of the patient's heart and ejecting the tensile member from the catheter into the patient's myocardium so that the tensile member is anchored to the myocardium. Subsequently, tension is exerted on the tensile member to pull opposing walls of the patient's heart towards one another so as to compress and close off lower portions of both
- 10 ventricles of the heart.

Where the tensile member is provided with at least one barb at a leading end, the attaching of the tensile member to the patient's heart includes embedding the barb in the patient's heart.

- 15 In this alternative embodiment of the present invention, the tensile member may be one of two tensile members. The method then further comprises attaching the other tensile member to the patient's heart, while the exerting of tension on the one tensile member includes twisting the tensile members about one another.

A surgical method in accordance with the present invention treats congestive heart failure. The method may be performed thoracoscopically which is less expensive and less traumatic to the patient than an open-heart surgical technique. The method of the invention is simple and

- 20 reliable.

BRIEF DESCRIPTION OF THE DRAWINGS

Fig. 1 is a schematic partial longitudinal cross-sectional view of an instrument or device for operating on the heart to improve cardiac function.

Figs. 2A-2D are schematic views of a person's heart, showing successive steps in a 5 surgical procedure for improving cardiac function, in accordance with the present invention.

Figs. 3A and 3B are two schematic cross-sectional views of a patient's heart, showing successive steps in an alternative technique for reducing ventricular volume in accordance with the present invention.

Figs. 4A-4F are a series of schematic cross-sectional views of a patient's heart, showing 10 successive steps in another alternative technique for reducing ventricular volume in accordance with the present invention.

DESCRIPTION OF THE PREFERRED EMBODIMENTS

Fig. 1 illustrates a medical device 8 for use in performing surgery as discussed below with reference to Figs. 2A through 2D to improve cardiac function by reducing the effective volume of 15 the ventricles. The device includes a cardiac clamp 10 in the form of a plurality of elongate prongs or tines 12 connected in a substantially circular or oval configuration to a base 14. Prongs 12 have an inherent spring bias which tends to spread the prongs into a conical configuration as depicted in Fig. 1 and 2B. Prongs 12 are each provided with at least one tooth 16 which faces inwardly relative to the spread-open conical configuration.

20 Device 8 further includes an inner tubular member 18 in which clamp 10 is disposed in a

collapsed configuration at the onset of a surgical procedure. More specifically, clamp 10 is disposed inside a distal end portion of tubular member 18 prior to an ejection of the clamp by a distally directed motion of a rod 20. Prior to use, rod 20 may be disposed outside of tubular member 18. It is preferable, however, that rod be disposed partially inside tubular member 18

5 during initial deployment thereof during a cardiac operation as discussed below.

An elastic band 22 is disposed about tubular member 18 at the distal end thereof. A second tubular member 24 surrounds tubular member 18 for pushing band 22 off of the distal end of tubular member 18 as discussed below.

As illustrated in Fig. 1, a distal end portion of tubular member 18 is inserted through

10 parietal pericardium PP into an intrapericardial space IP surrounding a patient's heart HT.

Tubular member 18 may be deployed in an open heart surgical operation or alternatively in a minimally invasive operation. In the latter case, tubular member is inserted through a thoracoscopic cannula or trocar sleeve 26.

Tubular member 18 is inserted from below the heart HT so that the distal end is pointed

15 upwardly substantially parallel to the septum (not shown). After a proper positioning of tubular member 18, rod 20 is pushed in the distal direction, towards an apical portion AP of the heart HT to eject clamp 10, as shown in Fig. 2A. Upon the ejection of clamp 10, prongs 12 automatically spread open under their inherent spring bias to form a conical configuration. The entire instrument assembly is then moved towards heart HT so that the opened clamp 10 surrounds
20 apical portion AP, as illustrated in Fig. 2B. Subsequently, inner tubular member 18 is pushed

forward, over clamp 10, as depicted in Fig. 2C. Prongs 12 are pressed inwardly in a camming type action so that teeth 16 bite into the myocardium of heart HT and anchor clamp 10 thereto. Continued forward or distal motion of inner tubular member 18 relative to clamp 10 serves to compress apical portion AP of heart HT, as shown in Fig. 2C. To some extent, prongs 12 pivot 5 about the connecting points to base 14 in response to the camming action of tubular member 18.

After the positioning and partial closure of clamp 10 about the apical portion AP of heart HT, outer tubular member 24 is shifted in the distal direction toward heart, while clamp 10 and inner tubular member 18 are maintained in position about apical heart portion AP. This relative motion serves to slide or push elastic band 22 off of tubular member 18 and onto the closed 10 clamp 10. As illustrated in Fig. 2D, band 22 is left in place on clamp 10 to hold pongs 12 in a partially closed configuration compressing apical portion AP of heart HT and reducing the volume of both ventricles of the heart. The reduced volume makes the pumping action of the heart more efficient and improves blood circulation in individuals suffering from congestive heart failure or left ventricular hypertrophy.

15 As depicted in Figs. 3A and 3B, an alternative procedure for reducing ventricular volume utilizes a tack 30 having a substantially rigid shaft 32 and a barbed head 34. Tack 30 is fired into the lower portion of a patient's heart HT so that the tack passes through a first myocardial sidewall SW2, a septum SPM (see Fig. 3A), and a second myocardial sidewall SW1. Barbed head 34 has an arrow-head configuration serving in part to facilitate the passing of tack 30 20 through the myocardial tissues and also serving to anchor the leading end of the tack to

myocardial sidewall SW1. Tack 30 has a predetermined length and a flange 36 at an end of shaft 32 opposite head 34 for collapsing wall SW2 towards septum SPM and wall SW1 and for cooperating with head 34 to clamp the lower portion of heart HT, as indicated in Fig. 3B. Tack 30 may be ejected from a tubular instrument 38 by any known technique including (a) hydraulic or pneumatic pressurization, or (b) manual pushing on a rod (not shown) which extends into tubular instrument 38 and contacts flange 36. Instrument 38 may be used in an open heart surgical procedure or through a cannula or trocar sleeve.

In a modified procedure, it is possible to provide flange 36 on shaft 32 after the insertion of a leading end portion of tack 30, including tack head 34, through the heart HT. A gripper (not shown) pulls back on shaft 32 to compress the lower portion of heart HT after the firing of tack 30. Flange is then attached to shaft 32 via ultrasonic or heat welding.

In another modification of the procedure of Figs. 3A and 3B, a locking disk 40 is placed against an outer surface of myocardial wall SW1 for engaging barbed head 34 and cooperating therewith to securely fasten tack 30 to the heart HT. Preferably, locking disk 40 is pushed over a portion of barbed head 34 after the emergence of the head from wall SW1. The head has a sufficient number barbs along the length of shaft 32 to provide a “fitting” of the tack to the patient.

Fig. 4A through 4F illustrate another alternative procedure for reducing ventricular volume. As shown in Fig. 4A, a catheter 50 is inserted through a patient's vascular system into one of the ventricles LV and RV of the patient's heart HT, for example, the right ventricle RV.

Catheter 50 has a leading end portion 52 which is steerable to enable a directing of a mouth opening 54 toward a sidewall SW1 of the patient's myocardium MYO. As shown in Fig. 4B, a wire 56 is ejected from catheter 50 through mouth opening 54 into and partially through myocardial sidewall SW1 upon a positioning of the mouth opening adjacent to the sidewall.

- 5 Wire 56 is provided at a leading end with a plurality of barbs or arrow heads 58 preventing a withdrawal of the wire along its insertion path through myocardial sidewall SW1. Upon an embedding of barbs 58 in myocardial sidewall SW1, catheter 50 is manipulated to steer leading end portion 52 towards cardiac septum SPM, as illustrated in Fig. 16C. Then a second wire 60 is ejected from catheter 50 through mouth opening 54 and septum SPM into and partially through
- 10 an opposing myocardial sidewall SW2, as depicted in Fig. 4D. Wire 60 is provided at a leading end with a plurality of barbs or arrow heads 62 preventing a detachment of the wire from myocardial sidewall SW2. Upon an embedding of barbs 62 in myocardial sidewall SW2, catheter 50 and wires 56 and 60 are manipulated to twist wires 56 and 60 about one another, as indicated by an arrow 64 and wire coils 66 in Fig. 4E. This twisting action exerts tension on wires 56 and
- 15 60 and is performed until sidewalls SW1 and SW2 are drawn sufficiently close to one another, as shown in Fig. 4F, to effectively reduce the volumes of ventricles RV and LV. Wires 56 and 60 are thereafter severed by any practicable technique including but not limited to shearing, laser cutting, etc.

Although the invention has been described in terms of particular embodiments and

- 20 applications, one of ordinary skill in the art, in light of this teaching, can generate additional

embodiments and modifications without departing from the spirit of or exceeding the scope of the claimed invention. For example, with reference to the embodiment of Figs. 1 and 2A-2D, other mechanisms for closing a compressive device about a lower end of a patient's heart will be apparent to those skilled in the art. Such mechanisms will generally contemplate the conversion of an axially directed force to a compressive force. In one alternative design, instead of pushing tubular member 18 about the expanded clamp 10, a screw mechanism may be used to close, and possibly open, prongs 12. In another alternative design, a cup-shaped clamp has a plurality of relative movable leaves, as in a mechanical iris.

It is to be noted, in addition, that device 8 may be used to place clamp 10 about a part of the heart HT other than apical portion AP. Thus, device 8 may approach the heart HT from a different direction, for example, where it is desired to reduce the effective volume of the left ventricle only.

Prongs 12 may be spring biased to close clamp 10. In that case, the inserting instrument is adapted to spread prongs 12 into a opened configuration in opposition to the action of inherent spring forces. When the opening force is removed, the clamp squeezes the hear muscle and compresses a portion of the heart.

A catch may be provided on prongs 12 for holding band 22 on clamp 10 after the disposition of band about the clamp.

With reference to the embodiment of Figs. 4A-4F, it is to be noted that other inserts or implants may be delivered to the patient's heart intravascularly via a catheter for purposes of

reducing ventricular volume. For example, a balloon may be inserted in a collapsed configuration into a ventricle and inflated with saline solution to decrease the effective volume of the ventricle. The balloon is made of resilient material capable of stretching deformation under systolic pressures. The balloon may be provided on at least one side with projecting barbs for
5 anchoring the balloon to the bottom of the ventricle.

Accordingly, it is to be understood that the drawings and descriptions herein are proffered by way of example to facilitate comprehension of the invention and should not be construed to limit the scope thereof.

FIGURE 10A

WHAT IS CLAIMED IS:

1. A method for improving cardiac function, comprising:
 - inserting a tensile member into a patient; and
 - inserting said tensile member into the patient's heart so as to compress and close off lower portions of both ventricles of the heart.
2. The method defined in claim 1, further comprising anchoring said tensile member to opposing myocardial sidewalls.
3. The method defined in claim 2 wherein the anchoring of said tensile member including placing a flanged element of said tensile member in contact with myocardial tissues.
4. The method defined in claim 2 wherein said the anchoring of said tensile member includes placing a barbed element in contact with myocardial tissues.
5. The method defined in claim 1 wherein said tensile member is a tack, the inserting of said tack including ejecting said tack from a tubular member.
6. The method defined in claim 5 wherein the inserting of said tack includes aiming said tack at an outer surface of the heart.

7. The method defined in claim 1 wherein the inserting of said tensile member includes passing said tensile member through a trocar sleeve or cannula.

8. The method defined in claim 1 wherein the inserting of said tensile member includes: inserting a catheter into a ventricle of the patient's heart; ejecting said tensile member from said catheter into the patient's myocardium so that said tensile member is anchored to the myocardium; and exerting tension on said tensile member to pull opposing walls of the patient's heart towards one another so as to compress and close off lower portions of both ventricles of the heart.

9. A method for reducing ventricular volume, comprising: inserting a catheter into a ventricle of a patient's heart; deploying a cardiac insert or implant from a leading end of said catheter; and disposing said cardiac insert or implant in the patient's heart to reduce the volume of at least one ventricle of the patient's heart.

10. The method defined in claim 9 wherein said cardiac insert or implant is a tensile member, further comprising attaching said tensile member to the patient's heart, and exerting tension on said tensile member to draw walls of the patient's heart towards one another.

11. The method defined in claim 10 wherein said tensile member is provided with at least one barb at a leading end, the attaching of said tensile member to the patient's heart including embedding said barb in the patient's heart.

12. The method defined in claim 10 wherein said tensile member is one of two tensile members, further comprising attaching the other tensile member to the patient's heart, the exerting of tension on said one of said tensile members including twisting the tensile members about one another.

13. A method for reducing ventricular volume, comprising:
inserting a medical instrument into a patient;
deploying a device from a leading end of said instrument; and
attaching said device to the patient's heart to reduce the volume of at least one ventricle of the patient's heart.

14. The method defined in claim 13 wherein said device is attached to an outer side of the patient's heart in an interpericardial space about the heart.

15. The method defined in claim 14 wherein said device is a compressive device.

16. The method defined in claim 14 wherein said instrument is inserted into the patient through a trocar sleeve or cannula.

17. The method defined in claim 13 wherein said device is attached to the patient's heart inside at least one ventricle of the patient's heart.

18. The method defined in claim 17 wherein said device is a tension device.

19. The method defined in claim 14 wherein said instrument is inserted into the patient through the vascular system of the patient.

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ABSTRACT OF THE DISCLOSURE

In a method for improving cardiac function, a compressive device is inserted into an intrapericardial space about a lower end portion of a heart. Thereafter the compressive device is operated to compress and close off lower portions of both ventricles of the heart.

CONFIDENTIAL - ATTORNEY'S EYES ONLY

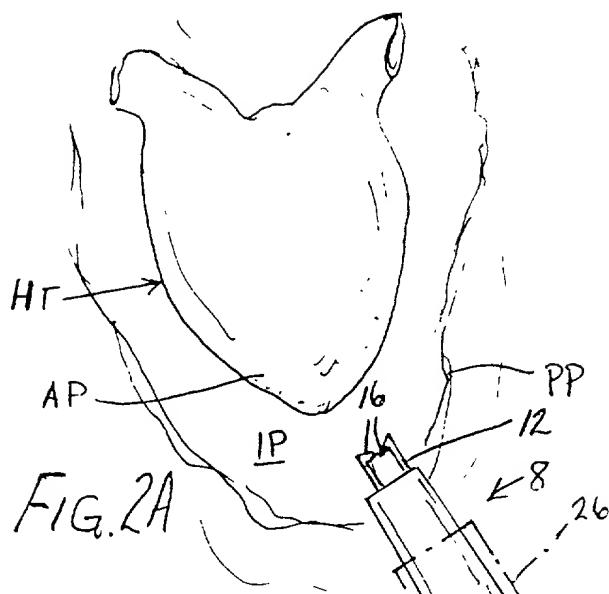


FIG. 2A

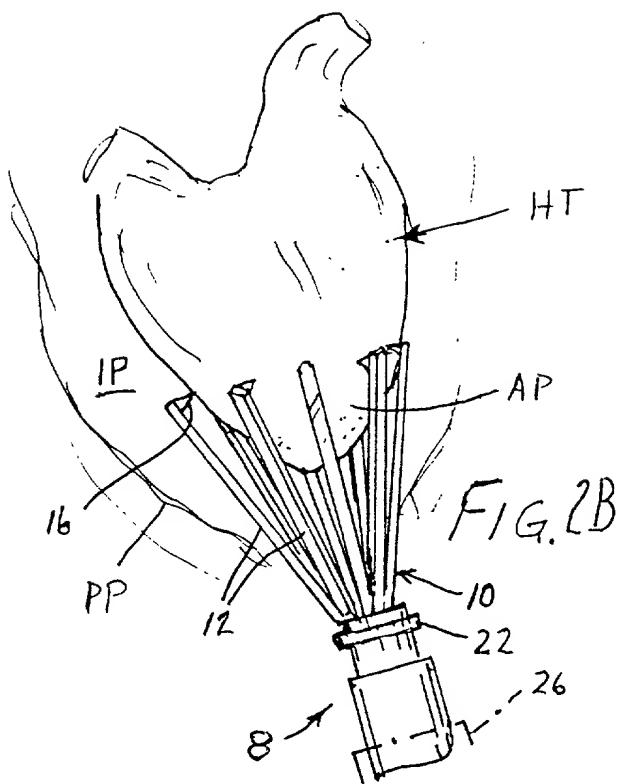


FIG. 2B

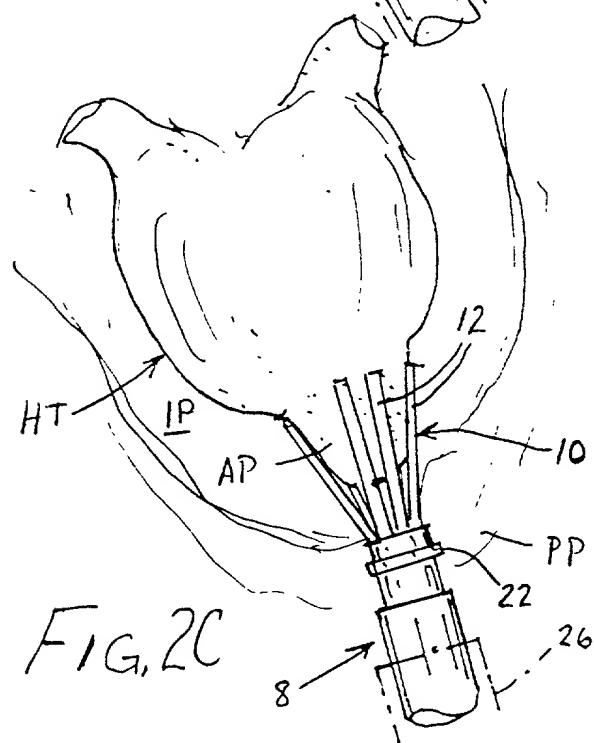


FIG. 2C

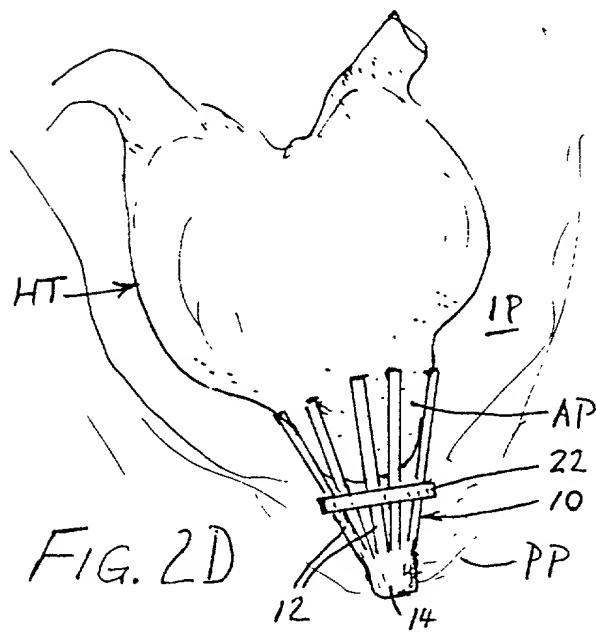


FIG. 2D

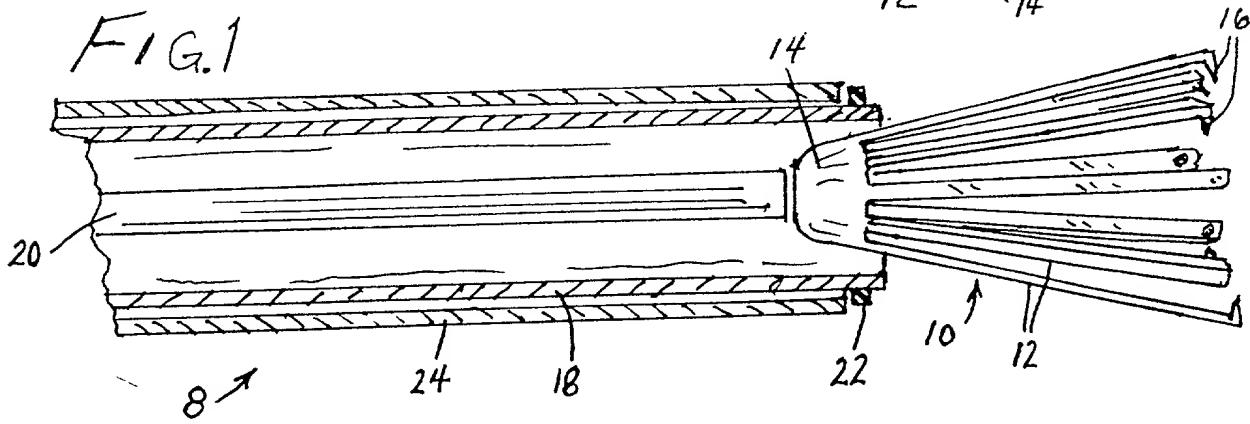
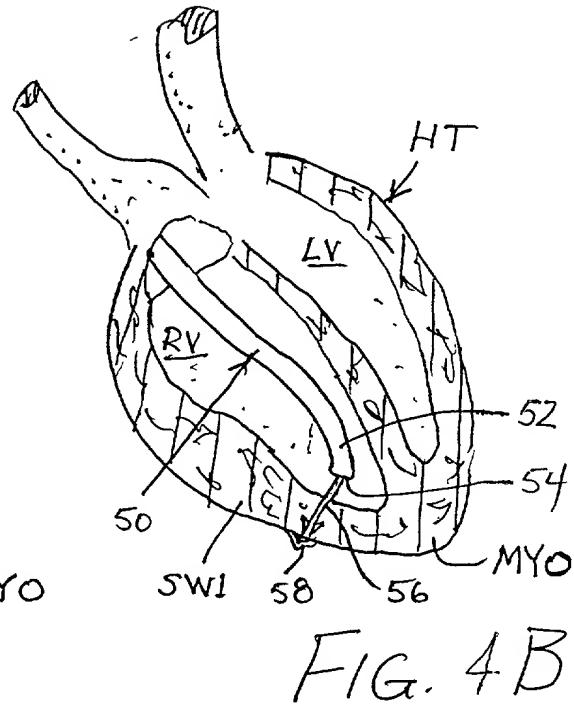
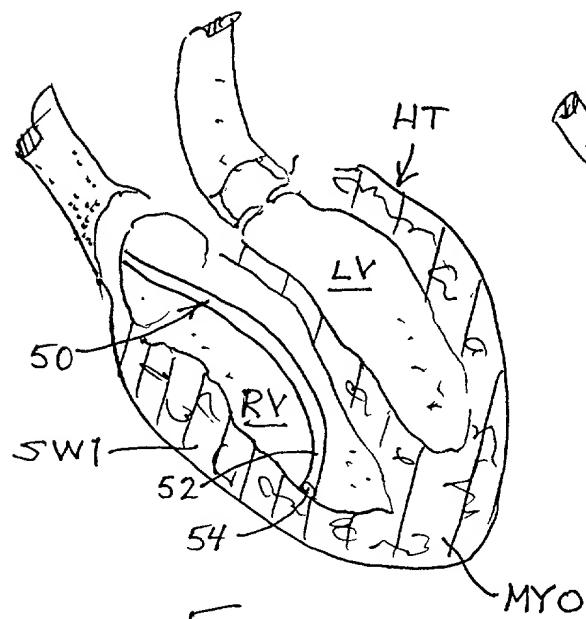
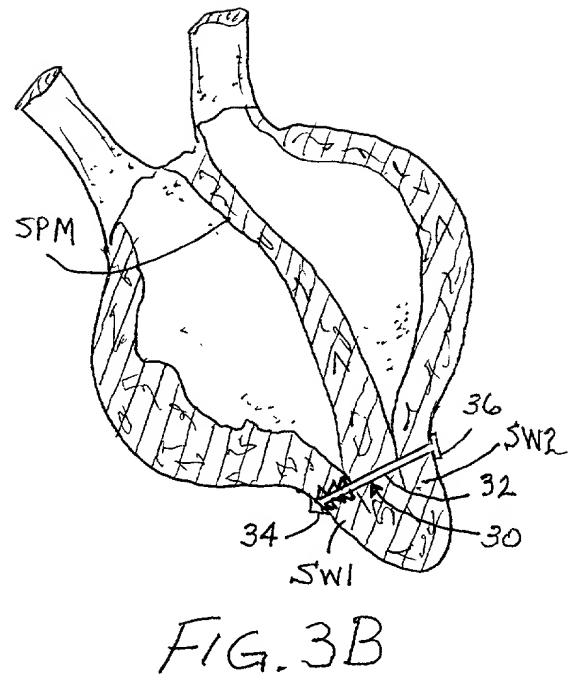
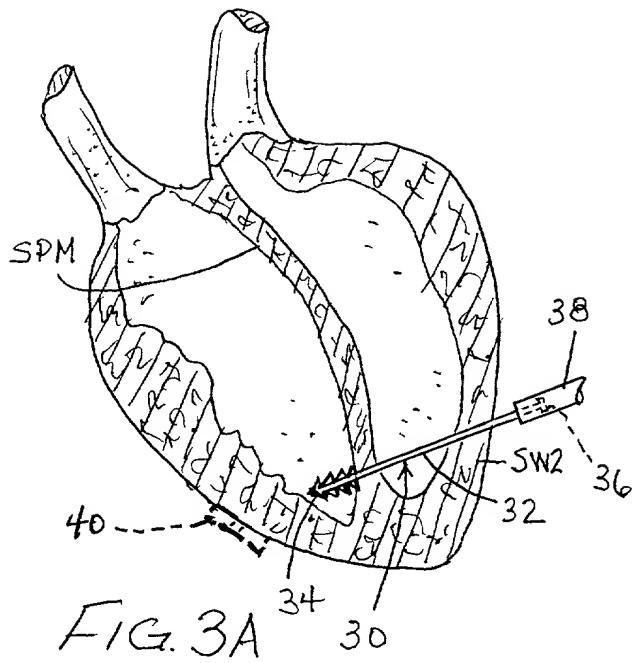
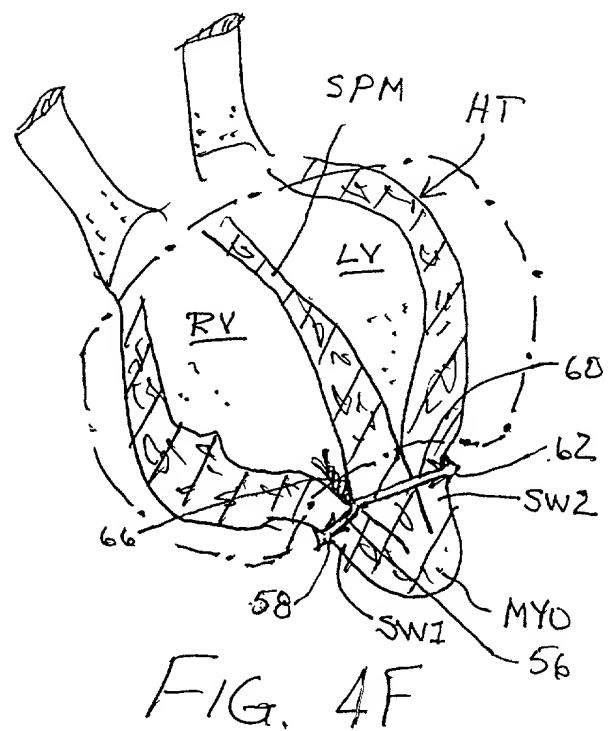
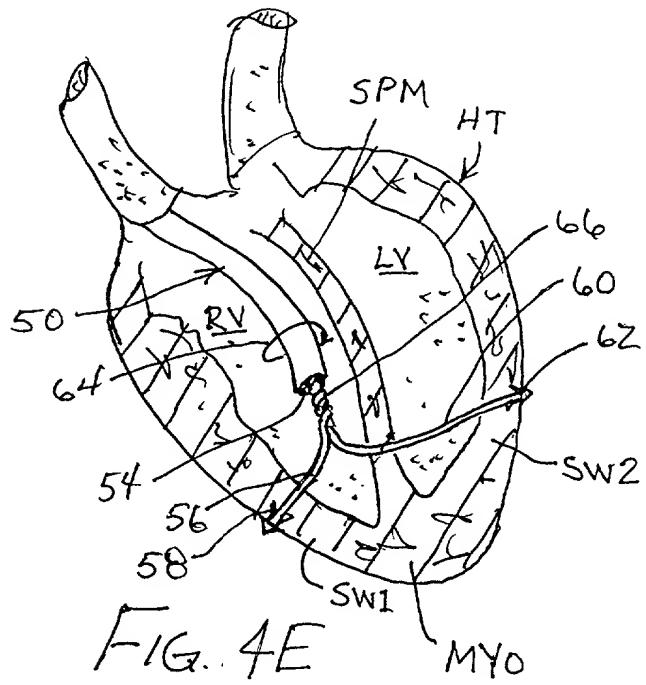
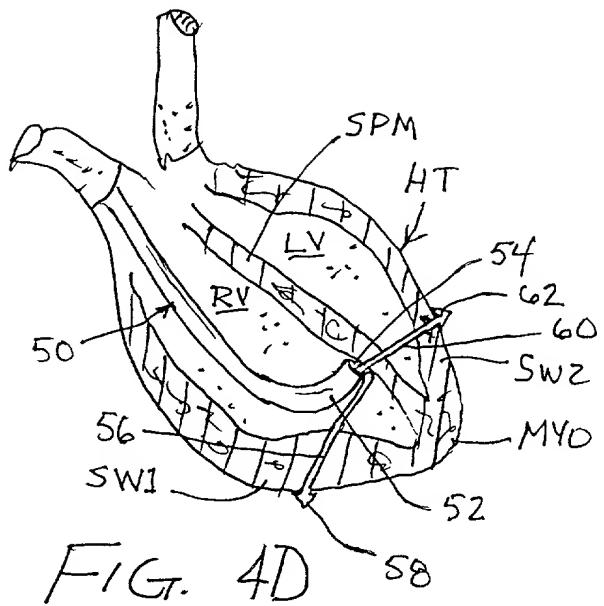
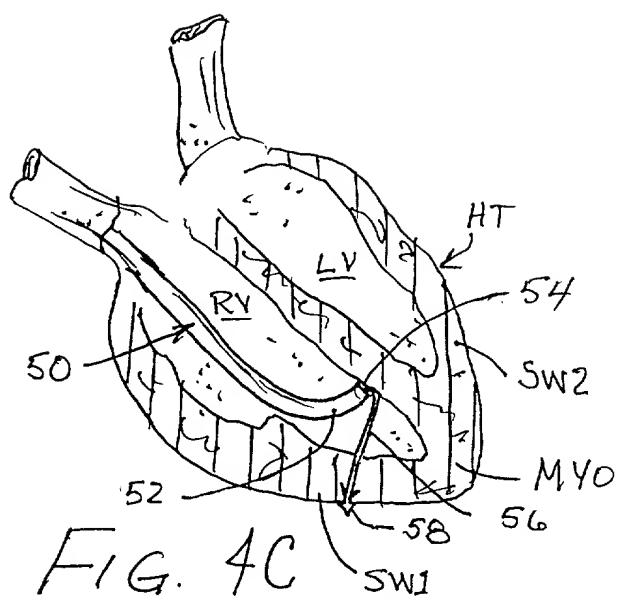


FIG. 1





DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As the below named inventor, I hereby declare that:

My residence, post office and citizenship as stated below under my name.

I believe that I am the original, first and sole inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled **METHOD AND DEVICE FOR IMPROVING CARDIAC FUNCTION**, the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information known to me to be material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

PRIOR FOREIGN APPLICATION(S)

NUMBER	COUNTRY	(DAY/MONTH/YEAR FILED)	PRIORITY CLAIMED
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_____	_____	_____	YES <input type="checkbox"/> NO <input type="checkbox"/>
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_____	_____	_____	YES <input type="checkbox"/> NO <input type="checkbox"/>
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I hereby claim the benefit under Title 35, United States Code, §120 of any United States application listed below and, insofar as the subject matter of each of the claims of this application

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SL 2000

is not disclosed in any prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose to Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal regulations, §1.56, which became available between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION SERIAL NO.	FILING DATE (DAY/MONTH/YEAR)	STATUS
<u>09/426,744</u>	<u>25/10/1999</u>	<u>Pending</u>
<u>09/121,477</u>	<u>23/07/1998</u>	<u>Pending</u>

I hereby appoint the following attorneys and/or agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: R. Neil Sudol (Reg. No. 31,669) and Henry D. Coleman (Reg. No. 32,559), both of 708 Third Avenue, Fourteenth Floor, New York, New York 10017.

Please address all correspondence regarding this application to:

COLEMAN SUDOL, LLP
708 Third Avenue, Fourteenth Floor
New York, New York 10017-4101

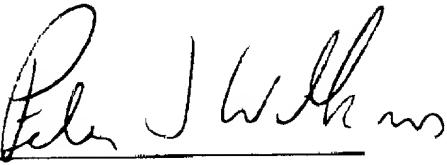
Direct all telephone calls to R. Neil Sudol at (212) 679-0090.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States

W07-431

Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

INVENTOR: Peter J. Wilk

INVENTOR'S SIGNATURE: 

DATE: 11/6/89

RESIDENCE: 185 West End Avenue
New York, New York 10023

COUNTRY OF CITIZENSHIP: United States of America

POST OFFICE ADDRESS: Same as above

W07-431